

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-135511

(43)Date of publication of application : 18.05.2001

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(51)Int.Cl. H01F 1/08  
B22F 3/24  
C22C 38/00  
C23C 30/00  
H01F 1/053  
// C23C 18/31

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(21)Application number : 11-  
318060

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(22)Date of filing :

09.11.1999

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(54) MICROMINIATURE MAGNET EXCELLENT IN ANTICORROSION

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent deterioration of squareness ratio of a demagnetizing curve after an anticorrosion covering film is coated, in a microminiature Nd-Fe-B based sintered magnet wherein single weight is at most 1 g and the surface is coated.

SOLUTION: Electroless plating or vapor plating is adopted as a means for forming a covering film. Quantity of hydrogen contained in magnet base material and the covering film is controlled to be at most 100 ppm. As a result, deterioration of squareness ratio of a demagnetizing curve can be prevented.

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## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's  
decision of rejection]

[Kind of final disposal of application  
other than the examiner's decision]

of rejection or application  
converted registration]

[Date of final disposal for  
application]

[Patent number]

[Date of registration]

[Number of appeal against  
examiner's decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

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